

Figure 1

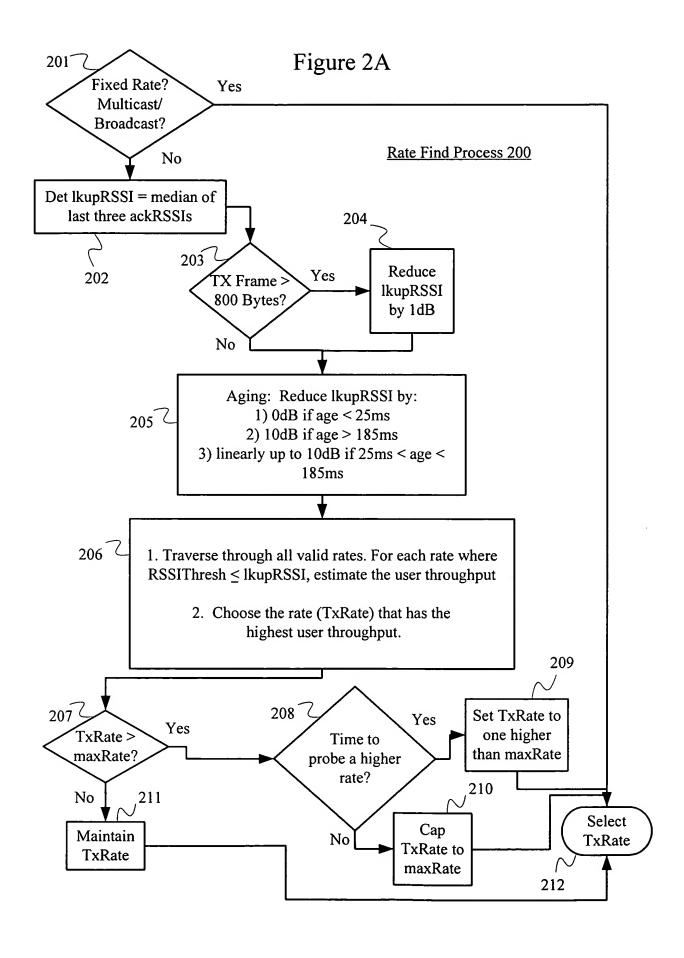


Figure 2B 221-Excessive Yes 1. Increment TxRate's PER by 35 and ensure all Retries? higher rates' PERs are equal to or greater than it. 222 No 2. Increase TxRate's RSSIThresh by: a) by 4dB if RSSIThresh < lkupRSSI-2dB b) by 2dB if RSSIThresh > lkupRSSI+2dB c) to lkupRSSI+2dB if lkupRSSI-2dB < Set TxRate's PER formula: RSSIThresh < lkupRSSI+2dB new PER = 7/8\*old PER - 228 + 1/8\*(# retries)/(# retries 223 -+1)\*100 Yes TxRate is a probe rate? No Rate Update Process 220 TxRate is a Yes probe rate and 1 or 0 retry? - 229 224 Set last ackRSSI to 10/16 of TxRate's RSSIThresh No No retries on No last 4 pkts sent at same TxRate? 230 1. Set TxRate's PER to 20 if 225 PER>45 Yes 2. Halve the probe interval 231 3. Set maxRate to probe rate Reduce TxRate's RSSIThresh by 1dB if Set maxRate to the next average ackRSSI of last 226 lower rate and don't 4 pkts < (TxRate's probe for another 100ms RSSIThresh + 2dB) TxRate's Yes PER > 60 and it is not a 233 probe rate? No 232

Figure 2C

